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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

AMENDMENT UNDER 37 C.F.R. § 1.116
EXPEDITED PROCEDURE
GROUP 1743
PATENT APPLICATION

Docket No: Q54404

Appln. No.: 09/313,184

Group Art Unit: 1743

Confirmation No.: 3561

Examiner: Ta Hsung Tung

Filed: May 18, 1999

For: SENSOR ELEMENT AND GAS SENSOR

AMENDMENT UNDER 37 C.F.R. § 1.116

ATTN: BOX AF

Commissioner for Patents
Washington, D.C. 20231

Sir:

Responsive to the outstanding Final Office Action of October 21, 2002, please amend the above-identified application as following.

IN THE CLAIMS:

Please enter the following amended claims:

16. (Three times amended) A sensor element comprising negative and positive electrodes disposed on the same side of a solid electrolyte substrate and a circuit for applying an electric potential between said negative electrode and said positive electrode, wherein the area of said negative electrode and the area of said positive electrode differ by at least twofold.